

Generally all organic halogen compounds may be employed. Examples of suitable organic halogen compounds are aromatic compounds, such as decabromobiphenyl, decabromodiphenyl ether, chlorinated or brominated styrene oligomers, polydibromostyrene, tetrabromobisphenol-A, tetrabispheol-A derivatives, such as epoxy derivatives, such as BEB 6000 and BEG 500C, which formulas are given below, and chlorinated dimethanedi benzo(a,e)cyclooctene derivatives. Examples of suitable aliphatic compounds are chloroparaffin, polyvinyl chloride, polyvinylidene chloride, polytetrafluoroethylene or fluoro rubber.

IN THE CLAIMS:

Claim 14 (Amended): A polyamide composition comprising a polyamide, at least one copper complex and at least one organic halogen compound, said organic halogen compound selected from the group consisting of decabromodiphenyl, decabromodiphenyl ether, chlorinated styrene oligomers, brominated styrene oligomers, polydibromostyrene, tetrabromobisphenol-A, tetrabispheol-A derivatives, chlorinated dimethanedi benzo(a,e)cyclooctene derivatives, chloroparaffin, polyvinyl chloride, polyvinylidene chloride, polytetrafluoroethylene, fluoro rubber, halogenated aliphatic phosphates, halogenated aromatic phosphates and halogen-containing organic compounds which contain sulfur or nitrogen atoms, said molar ratio of copper to halogen being in the range of between 1:1 and 1:3,000.

Claim 21 (Amended): A process of stabilizing a polyamide comprising combining a polyamide with at least one copper complex and at least one organic halogen compound such that the molar ratio of copper to halogen is in the range of between 1:1 and 1:3,000, said

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organic halogen compound selected from the group consisting of decabromodiphenyl, decabromodiphenyl ether, chlorinated styrene oligomers, bromonated styrene oligomers, polydibromostyrene, tetrabromobisphenol-A, tetrabisphenol-A derivatives, chlorinated dimethanedi^bbenz(a,e)cyclooctane derivatives, chloroparaffin, polyvinyl chloride, polyvinylidene chloride, polytetrafluoroethylene, fluoro rubber, halogenated aliphatic phosphates, halogenated aromatic phosphates and halogen-containing organic compounds which contain sulfur or nitrogen atoms

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Claim 26 (Amended): A masterbatch in accordance with Claim 28 wherein said copper complex is selected from the group consisting of a complex of copper and a phosphine compound, a complex of copper and a mercaptobenzimidazole compound and a complex of copper, a phosphine compound and a mercaptobenzimidazole compound.

Claim 27 (Amended): A process in accordance with Claim 21 comprising adding a compound selected from the group consisting of an organic phosphate, an inorganic phosphonate and an inorganic hyperphosphite.

Cancel Claims 24 and 25.

Add the following new claim:

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28. A masterbatch of at least one copper complex and at least one organic halogen compound present in concentrations such that the molar ratio of copper to halogen is in the range of between 1:1 and 1:3,000 wherein said organic halogen compound is selected from the group consisting of decabromodiphenyl, decabromodiphenyl ether, chlorinated styrene oligomers, brominated styrene oligomers, polydibromostyrene, tetrabromobisphenol-A, tetrabisphenol-A derivatives, chlorinated dimethanedi^bbenz(a,e)cyclooctene derivatives, chloroparaffin, polyvinyl chloride, polyvinylidene chloride, polytetrafluoroethylene, fluoro